

Outpatient Surgery Magazine

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What's New in Specialized Surgical Drapes

From increased antimicrobial protection to larger, smaller or better-adhered drapes, here's an overview of some new choices.

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ACTI-Gard reduces the risk of skin flora contamination during a surgical procedure, according to Medical Concepts Development.

Antimicrobial

Incise drapes are nothing new, but now there's another choice from Medical Concepts Development. The ACTI-Gard Antimicrobial Incise Drape is an iodine-based product that comes in five sizes, for procedures such as cardiovascular, neuro, orthopedic or general. A patient isolation drape and a cesarean pouch, both with ACTI-Gard incise, are

also available. ACTI-Gard's stable iodine complex remains effective during long procedures (tested up to six hours), according to the company. Its conformable film and aggressive adhesive offer enhanced skin adhesion during long procedures and ones with high fluid volume. This incise drape will cost 30 percent more than a comparable drape without antimicrobial properties, says the company.

3M Incise Drapes have been around for 25 years. Beginning with the clear incise, then offering an antimicrobial incise drape, 3M continues to deliver product enhancements with a poly liner, making application of the drape easier for surgical teams. The 3M Ioban 2 Antimicrobial Incise Drapes are available in four sizes, making them useful for a many surgical procedures. These iodine-based incise drapes provide long-lasting antimicrobial protection at the incision site, says 3M.

ISODrape Surgical Film Drapes from Microtek offer long-lasting antimicrobial protection with Microban (see "What Is Microban?" on page 107), which is permanently built in throughout the drape film. This product is available now but will be formally launched later in 2003. ISODrape is made of an impervious, embossed medical film. The drape's improved transparency offers an unobstructed view of pre-surgical markings, and its adhesive side allows for easy application. The product is latex- and iodine-free.

Orthopedics

Bohn Extremity Drapes from Biomet, used for such procedures as knees, hips and shoulders, are the largest extremity drapes on the market. This product will drape off the largest patient without the use of a half or three-quarter sheet, says Biomet. Although the drape is not new, it now includes two pre-attached incise drapes, above and below the fenestration. This feature encases the limb with antimicrobial protection from Microban and includes a clear poly screen to protect the anesthesiologist from fluids. Two instrument pockets can be attached anywhere on the drape. The drape comes wrapped in a back table cover, creating a sterile field when you open it. The drape costs about 10 percent more than competing extremity drapes, but the manufacturer points out that its features eliminate six or seven additional cost items.

Redi-Drape Vertical Isolation Drape, also from Biomet, is a wall drape for hip fractures. It also has a built-in Microban incise drape. This clear poly drape is hung from IV poles, and lets the surgeon view the patient, C-arm image intensifier and TV monitor while remaining in the sterile field, according to the company.

Microtek also offers a Vertical Isolation Drape for hip fractures, with and without viewing windows. These drapes offer Microban antimicrobial protection. The product is latex- and iodine-free.

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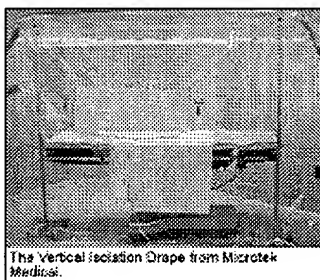


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The Vertical Isolation Drape from Microtek Medical.

Selecting Patient and Equipment Drapes

Look for surgical drapes that:

- Resist penetration by blood and other body fluids.
- Maintain their integrity and are durable.
- Are made of a material that can be sterilized.
- Resist combustion.
- Are comfortable and contribute to maintaining the patient's body temperature.
- Have a favorable cost-benefit ratio.

SOURCE: AORN's Proposed Recommended Practice for Selection and Use of Surgical Gowns and Drapes

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D1050 D1050NS Incise Drape

	Inches	Centimeters
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Size:	36 in. x 17.5 in.	91 cm x 44 cm
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Adhesive:	23.5 in. x 17.5 in.	59 cm x 44 cm
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Sterile:	10/bx
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Non-sterile:	100/cs
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Features:

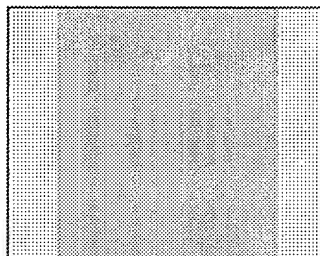
Thin, conformable, low-glare matte finish film

Aggressive adhesive with no residue

Product number identification

Procedure:

Neurologic, orthopedic, back, general, CV



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D2147 D2147NS Aperture Drape

	Inches	Centimeters
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Size:	54 in. x 55 in.	137 cm x 139 cm
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Aperture:	4 in. circle	10 cm circle
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Sterile:	30/bx
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Non-sterile:	100/cs
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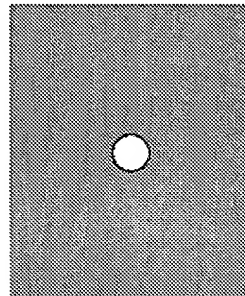
Features:

Circular aperture

Low-linting, strike-through resistant non-woven material

Procedure:

ENT, general and utility

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	Inches	Centimeters
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Size:	35 in. x 35 in.	90 cm x 90cm
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Ring:	5 in.	12 cm
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Sterile:	10/bx
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Non-sterile:	100/cs
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Features:

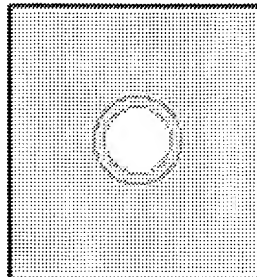
Soft and pliable for optimal protection

Minimizes tissue trauma

Low-glare matte finish film

Procedure:

Abdominal and thoracic

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D1295 D1295NS Angiography Sheet

	Inches	Centimeters
Size:	84 in. x 120 in.	213 cm x 304 cm
Adhesive windows:	6.25 in. x 7.25 in.	15 cm x 18 cm
Aperture:	3.5 in. x 4.5 in.	8 cm x 11 cm
Reinforcement:	31 in. x 120 in.	78 cm x 304 cm
Sterile:	20/bx	
Non-sterile:	40/cs	

Features:

Two clear side panels

Two oval apertures with adhesive windows

Aggressive adhesive with no residue

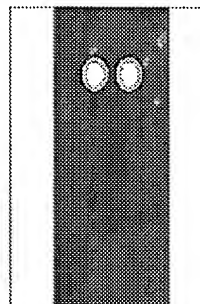
Full length, super absorbent reinforcement for unsurpassed fluid containment

Poly layer for strike through resistant fluid barrier

Product number identification

Procedure:

Diagnostic and interventional angiography/angioplasty

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